File   9:Business & Industry(R) Jul/1994-2004/Jul 01
          (c) 2004 The Gale Group
File 16:Gale Group PROMT(R) 1990-2004/Jul 02
          (c) 2004 The Gale Group
File 47:Gale Group Magazine DB(TM) 1959-2004/Jun 30
          (c) 2004 The Gale group
File 148:Gale Group Trade & Industry DB 1976-2004/Jul 01
          (c)2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
          (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Jul 02
          (c) 2004 The Gale Group
File 570:Gale Group MARS(R) 1984-2004/Jul 02
          (c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Jul 01
          (c) 2004 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2004/Jul 02
          (c) 2004 The Gale Group
File 649:Gale Group Newswire ASAP(TM) 2004/Jun 30
          (c) 2004 The Gale Group

Set   Items   Description
S1   4353   DCHANNEL? OR D()CHANNEL? ?
S2   11134   ANI OR AUTOMATIC?()NUMBER?()(ID? ? OR IDENTIFI? OR IDENTIF-
                  Y?)
S3   100   S1(S)S2
S4   36   S3/1993:2004
S5   64   S3 NOT S4
S6   45   RD (unique items)

 6/3,K/8   (Item 1 from file: 47)
DIALOG(R)File 47:Gale Group Magazine DB(TM)
(c) 2004 The Gale group. All rts. reserv.

03462508   SUPPLIER NUMBER: 08802288   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Ringing up new business with PBXs. (private branch exchanges; includes
  related article about new services and the law)
Wood, Lamont
Datamation, v36, n16, p75(3)
August 15, 1990
ISSN: 1062-8363   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2110   LINE COUNT: 00164

...   database records-customer profiles, buying histories, service
records, etc.-before the call is even answered.
      ANI is increasingly available as part of T1 (i.e., 24-channel
digital trunk) incoming 800...

...and one data control channel). AT&T uses an out-of-band signaling scheme
for ANI : the D channel carries ANI from the public netwcrk to the
customer premises, where the PBX picks it up.
      AT...

 6/3,K/10   (Item 3 from file: 47)

03236228   SUPPLIER NUMBER: 07339490   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The excitement of ISDN lies in good video transmission. (The Wide View)
   (integrated systems digital networks) (column)
Kramer, Matt
PC Week, v6, n23, p53(1)
June 12, 1989
DOCUMENT TYPE: column   ISSN: .0740-1604   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 476   LINE COUNT: 00037

...   confess I can't summon much enthusiasm for the telemarketing
applications that make use of automatic number identification of the
calling party through the D channel . Sure, you can retrieve the
customer's name and other information from a database, and...

 6/3,K/12   (Item 1 from file: 148)

06155938   SUPPLIER NUMBER: 12796337   (USE FORMAT 7 OR 9 FOR FULL TEXT)
National ISDN-1: a common ground for vendors, users, and carriers.
   (integrated services digital network) (Public Networks)
Ehrenberg, Stuart
Telecommunications, v26, n9, p30(4)
Sept, 1992
ISSN: 0278-4831   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 3422   LINE COUNT: 00276

...   16-kbps D channel used for signaling information. The D channel
provides the capability for automatic number identification (ANI)
by using the Signaling System #7 that is being implemented nationally in
the PSTN. For...

...channel will be used to process medium-speed data on a user's computer.
The D channel will be used for signaling information and will provide a
packet channel for data base...

 6/3,K/13   (Item 2 from file: 148)

06114455   SUPPLIER NUMBER: 12551429   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Whirlpool uses ISDN to keep a competitive edge. (integrated services
   digital network)
Reinke, J. Jeffery
Telephony, v223, n2, p28(3)
July 13, 1992
ISSN: 0040-2656   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1582   LINE COUNT: 00128

...   on the D channel using dialed number identification services
(DNIS). The D channel also passes automatic   number   identification (

ANI) information that identifies the caller's number for the PBX. Equipped
with the AT&T...

...ASAI) gateway, a PBX-to-host, two-way gateway, the PBX passes the DNIS
and ANI information to the host computer.
        The computer scans its database and matches the caller's...

 6/3,K/17   (Item 6 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

05228876   SUPPLIER NUMBER: 10666113   (USE FORMAT 7 OR 9 FOR FULL TEXT)
A look at telemarketing and ISDN: an exclusive interview with Isaac
   Frydman. (integrated services digital network; partner in Almskog and
   Frydman Communications) (interview)
Telemarketing, v9, n10, p70(3)
April, 1991
DOCUMENT TYPE: interview   ISSN: 0730-6156   LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 1660   LINE COUNT: 00130

...   a "D" channel, which carries control information and interacts with
the network. For instance, with ·Automatic   Number   Identification (ANI
), the " D " channel carries caller telephone numbers.
        BRI or Basic Rate Interface has only two "B" channels and...

...used in connection with ANI or Caller ID. The ANI signal is delivered
without a " D " channel , either before the first ring or between the
first and second ring. MCI and US Sprint offer in-band ANI for business
800 users, AT&T does not. Caller ID services, or the residential version of
 ANI , also use in-band signaling.
        Out-of-Band refers to the ISDN "D" channel. In other words,
information, such as ANI , is delivered separately from the main
transmission line.
        TM[R]: We have heard a lot...

 6/3,K/24   (Item 13 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2004 The Gale Group. All rts. reserv.

04512612   SUPPLIER NUMBER: 08135754   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The IXCs and ISDN: it's not AT&T's playground anymore. (interexchange
   carriers; integrated services digital network) (ISDN Special supplement)
Ubis, Susan
Telephony, v218, n6, pS18(2)
Feb 5, 1990
ISSN: 0040-2656   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1556   LINE COUNT: 00120

...   via inband signaling on a dedicated circuit, ·while ISDN ESP
provides the ANI via the D   channel , she says. "We can support ANI to
locations that don't have full T-1 dedicated access or haven't upgraded...

 6/3,K/27   (Item 16 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

04149694   SUPPLIER NUMBER: 07894452   (USE FORMAT 7 OR 9 FOR FULL TEXT)
The competitive edge. (applying the ISDN primary rate interface in PBXs)
Melhart, Gary
Telephony, v217, n21, p46(3)
Nov 13, 1989
ISSN: 0040-2656   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1995   LINE COUNT: 00155

...   number identification eliminates this type of problem. ANI forwards
the caller's number on the D   channel to the called party.
      "False alarms put fear into an alarm company because you have...

 6/3,K/28   (Item 17 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB

04114361   SUPPLIER NUMBER: 07996285   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Integrated services digital network (ISDN).
Young, Frank P.
Review of Business, v11, n2, p9(5)
Fall, 1989
ISSN: 0034-6454   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT
WORD COUNT: 3788   LINE COUNT: 00316

...   telemarketing centers. For example, through the use of the
automatic number identification feature on the " D " channel , which
passes the callers telephone number out to the person they are calling, the
host...

 6/3,K/31   (Item 2 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)

02181084
MCI Rolls Out ISDN, Vows Fractional T-1
MIS Week   May 8, 1989   p. 32
ISSN: 0199-8838

    MCI has introduced an Automatic Number Identification (ANI)
service over standard inbound 800 lines as an ISDN option, along with 5
other ISDN features. Customers with PBX equipment need only to upgrade
their software to route ANI   to a database engine. Other services
scheduled for 1st quarter 1990 include digital reconfiguration for...

... access for dedicated lines. The 5 ISDN services for early 1989, include
primary-rate ISDN,   D - channel   ANI delivery, and switched channel
transmission. MCI is currently testing its ISDN services with Northern
Telecom...

 6/3,K/34   (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)

01376716   SUPPLIER NUMBER: 09423797   (USE FORMAT 7 OR 9 FOR FULL TEXT)
Class service universal ANI? (automatic number identification; includes
  related article on XTEND)
Luhmann, Rick
Teleconnect, v8, n9, p30(4)
Sept, 1990
ISSN: 0740-9354   LANGUAGE: ENGLISH   RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 2048   LINE COUNT: 00148

...   another cloud. Granted, it's happening much slower than many
expected. But if it happens, ANI kind of happens along with it, delivered
out-of-band on the D channel . So ISDN wipes out any previous ANI
solution that might be written into, say, a small PBX.
     "Why build something

 6/3,K/40   (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01331832   Supplier Number: 41570366   (USE FORMAT 7 FOR FULLTEXT)
NEW STUDY PREDICTS RAPID GROWTH FOR ISDN
ISDN News, v3, n18, pN/A
Sept 26, 1990
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 474

...   according to the report. The trends toward emphasizing applications
initiated in 1988 continued and accelerated. Automatic   Number
Identification (ANI) using the ISDN D   channel emerged as a popular
application with banks, financial institutions and telemarketing companies.
In a 1988 trial, American Express Corp. used the ANI feature to access
customer files during credit card application calls. The company reported a
17...
?t6/3,k/43

 6/3,K/43   (Item 6 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2004 The Gale Group. All rts. reserv.

01214657   Supplier Number: 41194141 (USE FORMAT 7 FOR FULLTEXT)
AT&T INTERNATIONAL PRIMARY RATE ISDN TO JAPAN AND THE U.K.
ISDN News, v3, n4, pN/A
Feb 28, 1990
Language: English   Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 984

...   the ISDN User Part (ISUP), an interface standard which will enable
AT&T to offer D   channel signaling features, such as   automatic   number
  identification (ANI), internationally. This is not possible with the
current system.
     That new protocol will be adopted...

File 696:DIALOG Telecom. Newsletters 1995-2004/Jul 01
        (c) 2004 The Dialog Corp.
File 15:ABI/Inform(R) 1971-2004/Jun 27
        (c) 2004 ProQuest Info&Learning
File 98:General Sci Abs/Full-Text 1984-2004/Jun
        (c) 2004 The HW Wilson Co.
File 484:Periodical Abs Plustext 1986-2004/Jun W3
        (c) 2004 ProQuest
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2004/Jun 25
        (c) 2004 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File 369:New Scientist 1994-2004/Jun W4
        (c) 2004 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
        (c) 1999 AAAS
File 20:Dialog Global Reporter 1997-2004/Jul 02
        (c) 2004 The Dialog Corp.
File 624:McGraw-Hill Publications 1985-2004/Jun 24
        (c) 2004 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2004/Jul 01
        (c) 2004 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2004/Jun W3
        (c) 2004 CMP Media, LLC
File 674:Computer News Fulltext 1989-2004/Jun W2
        (c) 2004 IDG Communications

Set   Items   Description
S1   1833   DCHANNEL? OR D()CHANNEL? ?
S2   8785   ANI OR AUTOMATIC?()NUMBER?()(ID? ? OR IDENTIFI? OR IDENTIF-
                Y?)
S3   26   S1(S)S2
S4   6   S3/1993:2004
S5   20   S3 NOT S4
S6   16   RD (unique items)

 6/3,K/1   (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00638838 92-53778
National ISDN-1: A Common Ground for Vendors, Users, and Carriers
Ehrenberg, Stuart
Telecommunications v26n9 PP: 30-36 Sep 1992
ISSN: 0278-4831 JRNL CODE: TEC
WORD COUNT: 3198

...TEXT: primary rate interface (PRI), and broadband ISDN (B-ISDN). BRI is
known as a 2B+ D channel configuration. Its specification calls for two
kbps voice/data channels known as bearer channels and one 16-kbps D
 channel used for signaling information. The D channel provides the
capability for automatic number identification (ANI) by using the
Signaling System #7 that is being implemented nationally in the PSTN. For
...

... channel will be used to process medium-speed data on a user's computer. The D channel will be used for signaling information and will provide a packet channel for data base...

6/3,K/2   (Item 2 from file: 15)

00626084 92-41186
Whirlpool Uses ISDN to Keep a Competitive Edge
Reinke, J. Jeffery
Telephony v223n2 PP: 28-32 Jul 13, 1992
ISSN: 0040-2656 JRNL CODE: TPH
WORD COUNT: 1487

...TEXT: 800 number, an incoming 800 call passes call signaling information to the PBX on the D channel using dialed number identification services (DNIS). The D channel also passes automatic number identification (ANI) information that identifies the caller's number for the PBX. Equipped with the AT&T...

... ASAI) gateway, a PBX-to-host, two-way gateway, the PBX passes the DNIS and ANI information to the host computer.

The computer scans its database and matches the caller's...

6/3,K/4   (Item 1 from file: 813)

0164519   DC020
MCI ANNOUNCES ADVANCED BUSINESS SERVICES

DATE: May 2, 1989   12:06 E.T.   WORD COUNT: 645

...next year include
PRI (primary rate interface), call-by-call service selection, ISDN
ESP (for D Channel ANI delivery), switched digital transmission and
B Channel assignment and control," said Sharer.

    "MCI is fully...

...software of their current PBX equipment.
Separately, we will be offering MCI ISDN ESP, or D - channel ANI , with our ISDN service next year. MCI is using its installed intelligent network technology to...

...major ISDN equipment
investments. MCI is the only long-distance company to offer
delivery of ANI via standard inband signalling."
    MCI 800 ESP (inband ANI delivery) is applicable for businesses that...

6/3,K/8   (Item 4 from file: 647)

00639363   CMP ACCESSION NUMBER: CWK19890116S3317
EXPERT ADVICE To begin a new year that promises to be a turning point in
    the...
COMMUNICATIONSWEEK, 1989, n 231, 30
PUBLICATION DATE: 890116
JOURNAL CODE: CWK   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: 231PG30
WORD COUNT: 564

...   ISDN Primary Rate Interface-which specifies 23 bearer, or "B,"
channels and one signaling, or " D ," channel , all operating at 64
kilobits per second-and automatic number   identification capabilities
with the Rockwell ACD will give MCI's ISDN customers more network control,
especially...

 6/3,K/14   (Item 10 from file: 647)

00512716   CMP ACCESSION NUMBER: CWK19920217S2184
Ascom Timeplex Inc. intends to interest more users in its ISDN Gateway
    Server, the company said, through a co-marketing agree...
Beth Schultz
COMMUNICATIONSWEEK, 1992, n 390, 23
PUBLICATION DATE: 920217
JOURNAL CODE: CWK   LANGUAGE: English
RECORD TYPE: Fulltext
SECTION HEADING: Wide Area Networks
WORD COUNT: 353

...   Timeplex added support for AT&T's Software Defined Data Network
384 service and for automatic   number   identification (ANI) to the
new release of the IGS. The system, which converts non-ISDN signaling to
ISDN " D "- channel signaling, was introduced in September 1990. The
second release became available last fall, but wasn...

?t6/3,k/16

 6/3,K/16   (Item 2 from file: 674)

003063
Days Inns praises new PBX feature
Byline: Bob Wallace, Senior Editor
Journal: Network World   Page Number: 4
Publication Date: December 11, 1989
Word Count: 604   Line Count: 43

Text:
...free, tells the first switch to transfer the call. The ANI is sent over

the D   channel and the call is sent over a B channel.
If all agents are busy, the...

?